

meaning of those terms in section 7002 of the Energy Act of 2020 (30 U.S.C. 1606).

(2) **END-TO-END.**—The term “end-to-end”, with respect to the integration of mining or life cycle of minerals, means the integrated approach of, or the lifecycle determined by, examining the research and developmental process from the mining of the raw minerals to its processing into useful materials, its integration into components and devices, the utilization of such devices in the end-use application to satisfy certain performance metrics, and the recycling or disposal of such devices.

(3) **RECYCLING.**—The term “recycling” means the process of collecting and processing spent materials and devices and turning them into raw materials or components that can be reused either partially or completely.

(4) **SECONDARY RECOVERY.**—The term “secondary recovery” means the recovery of critical minerals and metals from discarded end-use products or from waste products produced during the metal refining and manufacturing process, including from mine waste piles, acid mine drainage sludge, or byproducts produced through legacy mining and metallurgy activities.

SA 2068. Mr. BENNET submitted an amendment intended to be proposed by him to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . FEDERAL PERSONNEL ISSUES.

(a) **NEW OCCUPATIONAL SERIES FOR DIGITAL CAREER FIELDS.**—Not later than 270 days after the date of enactment of this Act, the Office of Personnel Management shall, under section 5105 of title 5, United States Code, establish—

(1) not less than 1 new occupational series, and associated policies, covering positions in the fields of software development, software engineering, and knowledge management; and

(2) a new occupational series, and associated policies, covering positions in the field of artificial intelligence.

(b) **MILITARY CAREER FIELDS FOR SOFTWARE DEVELOPMENT, DATA SCIENCE, AND ARTIFICIAL INTELLIGENCE.**—Section 230 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92) is amended by adding the following new subsection:

“(d) **MILITARY CAREER FIELDS.**—

“(1) **IN GENERAL.**—Not later than 270 days after the date of the enactment of this subsection, the Chief of Staff of the Army, the Chief of Naval Operations, the Chief of Staff of the Air Force, and the Commandant of the Marine Corps (in this subsection collectively referred to as the ‘Service Chiefs’) shall each establish new military career fields for software development, data science, and artificial intelligence that are open to commissioned officers, enlisted personnel, and, as appropriate, warrant officers.

“(2) **TECHNICAL CAREER PATHS.**—The Service Chiefs shall use the authorities provided in section 605 of title 10, United States Code, and subchapter VI of chapter 36 of such title to ensure that military personnel in the career fields established under paragraph (1)

who choose to specialize and focus on technical skill sets rather than pursue leadership positions are not required to move outside their specialties or into management positions to continue to promote.”.

SA 2069. Mr. WICKER submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

On page 415, strike lines 13 through 18 and insert the following:

(2) by striking the period; and

(3) by adding at the end the following:

“(ii) whole cooked king crab and tanner crab and cooked king crab and tanner crab sections; and

“(iii) processed (within the meaning of section 60.119 of title 7, Code of Federal Regulations (or any successor regulations)) shrimp, unless such product is covered by the United States-Mexico-Canada Agreement.”.

SA 2070. Mr. BENNET submitted an amendment intended to be proposed by him to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . ESTABLISHMENT OF NATIONAL RESERVE DIGITAL CORPS.

(a) **IN GENERAL.**—Subpart I of part III of title 5, United States Code, is amended by adding at the end the following:

“CHAPTER 103—NATIONAL RESERVE DIGITAL CORPS

“Sec.

“10301. Establishment.

“10302. Definitions.

“10303. Organization.

“10304. Work on behalf of Executive agencies.

“10305. Digital Corps Scholarship Program.

“10306. Duration of pilot program.

“§ 10301. Establishment

“For the purposes of attracting, recruiting, and training a corps of world-class digital talent to serve the national interest and enable the Federal Government to become a digitally proficient enterprise, there is established within the Office of Management and Budget a pilot program for a civilian National Reserve Digital Corps, the members of whom shall serve as special Government employees, working not fewer than 30 days per year as short-term advisors, instructors, or developers in the Federal Government.

“§ 10302. Definitions

“In this chapter:

“(1) **DIRECTOR.**—The term ‘Director’ means the Director of the Office of Management and Budget.

“(2) **NODE.**—The term ‘node’ means a group of persons, or a team, organized under the direction of a node leader to provide digital service to not less than 1 Executive agency pursuant to an agreement between the Director and the Executive agency.

“(3) **NODE LEADER.**—The term ‘node leader’ means a full-time employee who—

“(A) is selected under this chapter to lead not less than 1 node; and

“(B) reports to the Director or the designee of the Director.

“(4) **NODE MEMBER.**—The term ‘node member’ means a special Government employee, as that term is defined in section 202 of title 18, who is selected under this division to work not fewer than 38 days per fiscal year and report to a node leader in furtherance of the mission of a node.

“§ 10303. Organization

“(a) **NODES AND NODE LEADERS.**—The National Reserve Digital Corps shall be organized into nodes, each of which shall be under the supervision of a node leader.

“(b) **ADMINISTRATIVE SUPPORT.**—The National Reserve Digital Corps shall receive funding and administrative support from the Director, who shall be responsible for selecting node leaders, establishing standards, ensuring that nodes meet Executive agency client requirements, maintaining security clearances, establishing access to an agile development environment and appropriate tools, and facilitating appropriate technical exchange meetings.

“(c) **APPOINTMENT AUTHORITY.**—

“(1) **DIRECT APPOINTMENT AUTHORITY OF NODE MEMBERS.**—

“(A) **IN GENERAL.**—The Director, on the recommendation of a node leader, may appoint, without regard to the provisions of subchapter I of chapter 33 (other than sections 3303 and 3328 of such chapter), a qualified candidate to a position in the competitive service in the Office of Management and Budget to serve as a node member.

“(B) **RULE OF CONSTRUCTION.**—Nothing in subparagraph (A) may be construed to preclude the Director from appointing additional employees, including full-time employees for the purposes described in that subparagraph.

“(2) **TERM AND TEMPORARY APPOINTMENTS OF NODE MEMBERS.**—The Director, on the recommendation of a node leader, may make a noncompetitive temporary appointment or term appointment, for a period of not more than 18 months, of a qualified candidate to serve as a node member in a position in the competitive service for which a critical hiring need exists, as determined under section 3304, without regard to sections 3327 and 3330.

“§ 10304. Work on behalf of Executive agencies

“(a) **PURPOSE.**—Each node shall undertake projects to assist Executive agencies by—

“(1) providing digital education and training;

“(2) performing data triage and providing acquisition assistance;

“(3) helping to guide digital projects and frame technical solutions;

“(4) helping to build bridges between public needs and private sector capabilities; and

“(5) performing related tasks.

“(b) **AUTHORITIES.**—A node may undertake a project—

“(1) on behalf of an Executive agency—

“(A) by direct agreement between the Director and the Executive agency; or

“(B) at the direction of the Director at the request of the Executive agency; or

“(2) to address a digital service need encompassing more than 1 Executive agency—

“(A) at the direction of the Director; or

“(B) on the initiative of a node leader.